

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. - 42. (cancelled)

43. (currently amended) ~~A lower extremity prosthesis~~ prosthetic foot and lower part of leg comprising:

a semi-rigid, resilient foot keel extending in a longitudinal direction;

a semi-rigid, resilient leg portion attached at a lower end to the foot keel;

wherein the semi-rigid, resilient leg portion includes a plurality of elongated, upwardly extending, generally arcuately curved in the sagittal plane, substantially vertically oriented, semi-rigid, resilient members which are spaced apart in the sagittal plane intermediate their upper and lower ends and which are anterior facing convexly curved at their lower ends ~~to form~~ forming an ankle joint area of the prosthesis and which extend upwardly above the ankle joint area in a substantially anterior facing convexly curve to a substantially vertically oriented upstanding upper end of the leg portion, at least one of said plurality of semi-rigid, resilient members is wider in the frontal plane than thick in the sagittal plane, the semi-rigid, resilient leg portion storing energy during force loading of the prosthesis and returning energy during force unloading to increase the kinetic power generated for propulsive force by the prosthesis, and

wherein the semi-rigid, resilient members of the leg portion are substantially leaf spring type members which are coupled together at their upper and lower end portions, and whereby the substantially vertically oriented upper end portion of the semi-rigid resilient leg portion in response to amputee gait force is displaced in a substantially longitudinal direction.

44. (cancelled)

45. (cancelled)

46. (currently amended) The ~~prosthesis-prosthetic foot and lower part of leg~~ of claim 43, wherein one of the semi-rigid, resilient members is a shank and another of said semi-rigid, resilient members is a leaf spring fastened at the upper and lower ends of the leaf spring to the shank.

47. (currently amended) The ~~prosthesis-prosthetic foot and lower part of leg~~ of claim 43, wherein the leg portion is attached to the foot by way of coupling means and at least one fastener.

48. (currently amended) The ~~prosthesis-prosthetic foot and lower part of leg~~ of claim 47, wherein the coupling means includes a stop to limit dorsiflexion of the resilient leg portion.

49. (currently amended) The ~~prosthesis-prosthetic foot and lower part of leg~~ of claim 43, further comprising an adapter connected to a proximal

end of the leg portion for securing the ~~prosthesis~~ prosthetic foot to a socket on the lower limb of ~~a person for use~~ an amputee.

50. (cancelled)

51. (cancelled)

52. (cancelled)

53. (cancelled)

54. (new) The prosthetic foot and lower part of leg of claim 43, wherein the plurality of resilient members extend upwardly above the ankle joint area in a substantially continuous anterior facing convexly curve to the substantially vertically oriented upstanding upper end of the leg portion.